

Title (en)

Varying tissue compression aided by elastic members

Title (de)

Unterschiedliche Gewebekompression mit Unterstützung elastischer Elemente

Title (fr)

Compression de tissus variable assistée par des éléments élastiques

Publication

EP 2311387 B1 20160330 (EN)

Application

EP 10251797 A 20101013

Priority

US 57884709 A 20091014

Abstract (en)

[origin: EP2311387A1] The present disclosure relates to surgical fastener applying apparatus (1000), and the application of variable compression to tissue. More specifically, the presently disclosed surgical fastener applying apparatus including a first jaw (1010) having proximal and distal ends and including an anvil member (1100), the anvil member extending along a longitudinal axis and including a tissue contacting surface and a second jaw (1012) having proximal and distal ends movably coupled to the first jaw, the second jaw including a cartridge member (1200) and a channel (1209). The surgical fastener applying apparatus further includes a pair of elastic members (1224) positioned between the cartridge member and the channel of the second jaw, the pair of elastic members configured and dimensioned to apply and maintain constant compressive forces to tissue regardless of tissue thickness.

IPC 8 full level

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A61B 2017/0725 (2013.01 - EP US); **A61B 2017/07271** (2013.01 - EP US); **A61B 2017/2932** (2013.01 - EP US);
A61B 2090/032 (2016.02 - EP US)

Cited by

EP3175799A1; EP3446643A1; AU2018206782B2; US10624636B2; EP3643252A1; EP4289371A3; US10111660B2; US10835242B2;
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